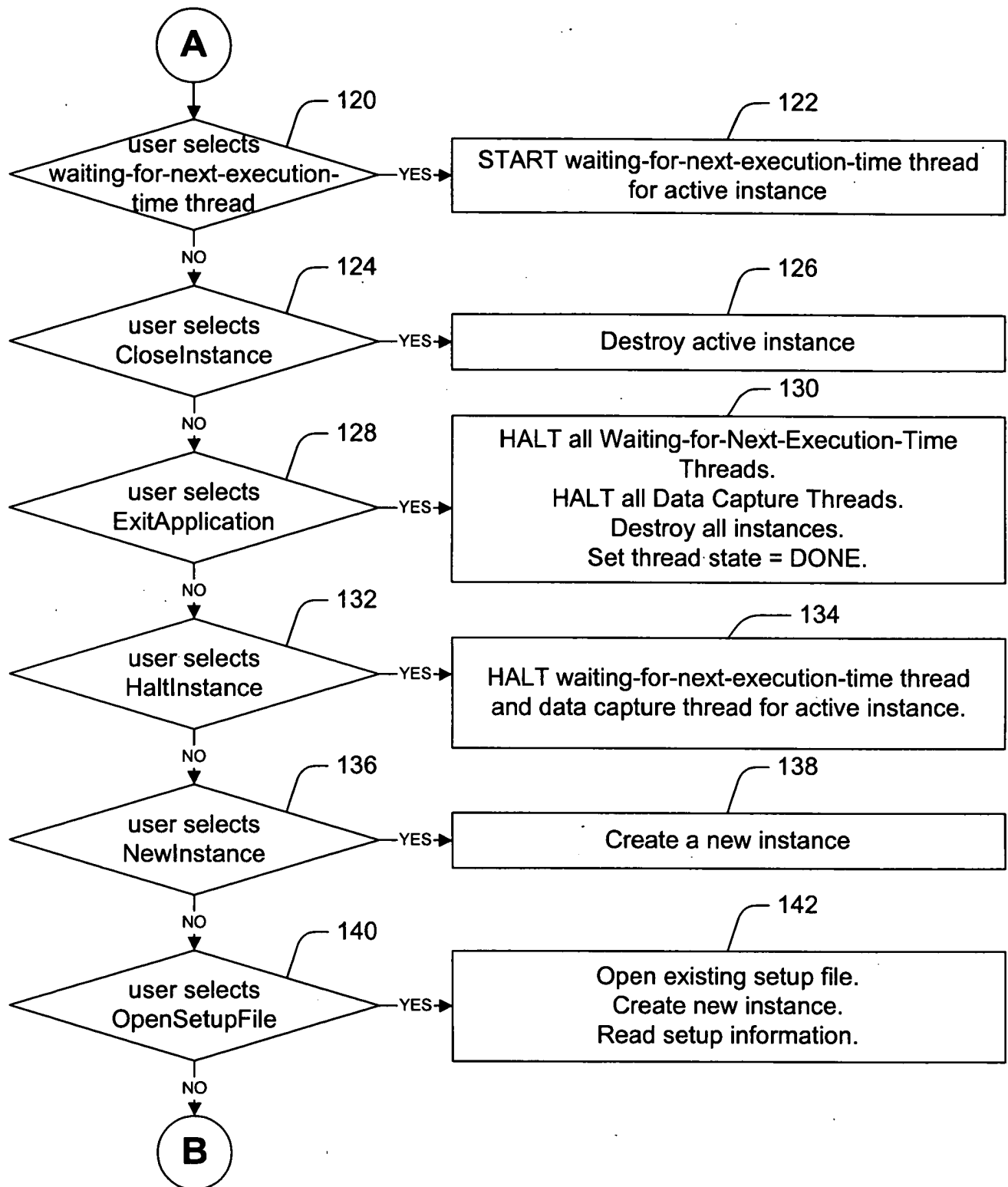


**FIG. 1**

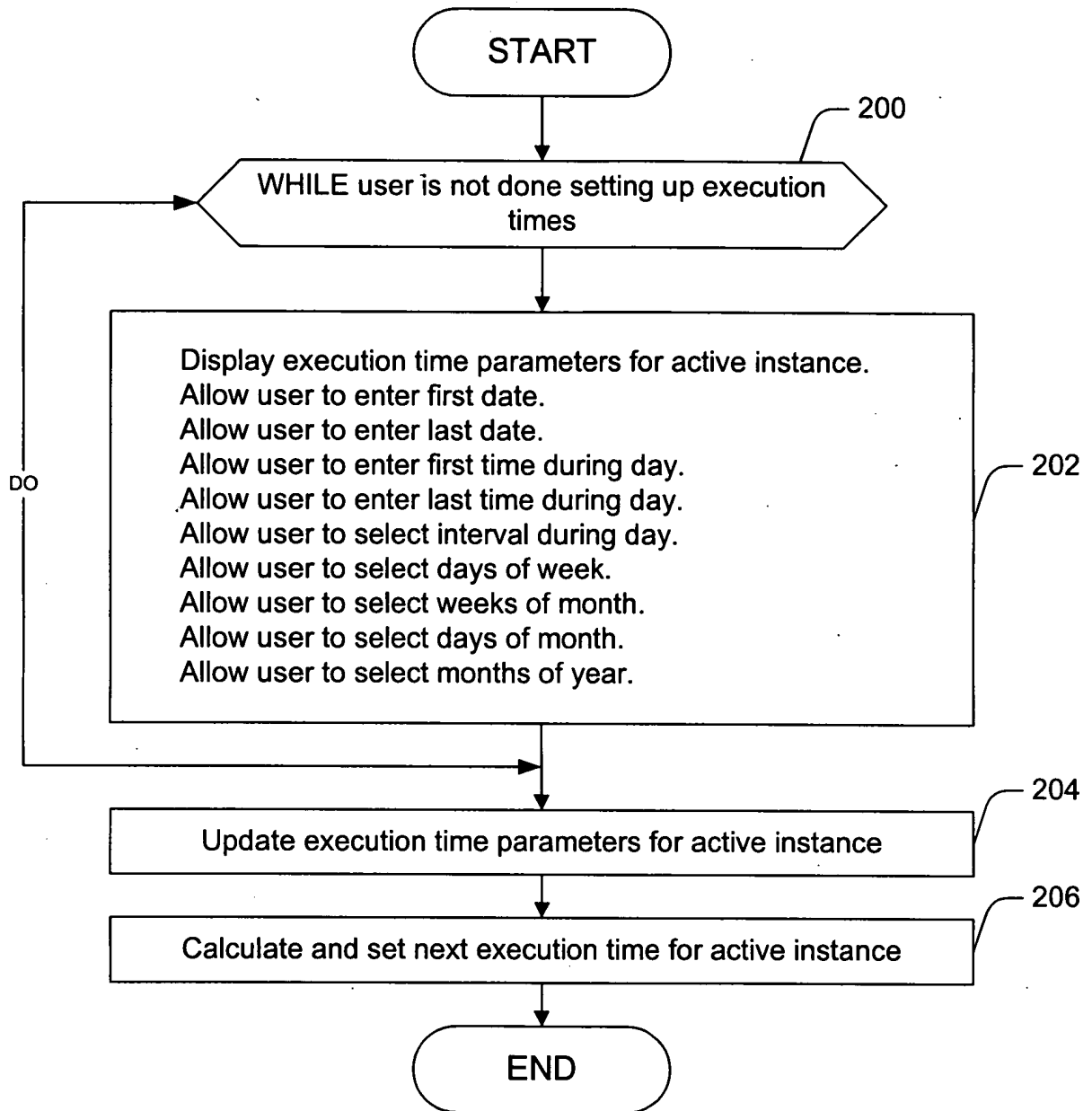


**FIG. 1 (CONT'D)**

```
graph TD
    B((B)) --> D144{user selects RunInstance 144}
    D144 -- YES --> P146[START a data capture thread for active instance 146]
    D144 -- NO --> D148{user selects SaveSetupFile 148}
    D148 -- YES --> P150[Create setup file for active instance 150]
    D148 -- NO --> D152{user selects SetupExecutionTimes 152}
    D152 -- YES --> P154[CALL SetupExecutionTimes 154]
    D152 -- NO --> D156{user selects SetupSubstitution Parameters 156}
    D156 -- YES --> P158[CALL SetupInputParameters 158]
    D156 -- NO --> D160{user selects SetupDataTargets 160}
    D160 -- YES --> P162[CALL SetupDataTargets 162]
    D160 -- NO --> C((C))
```

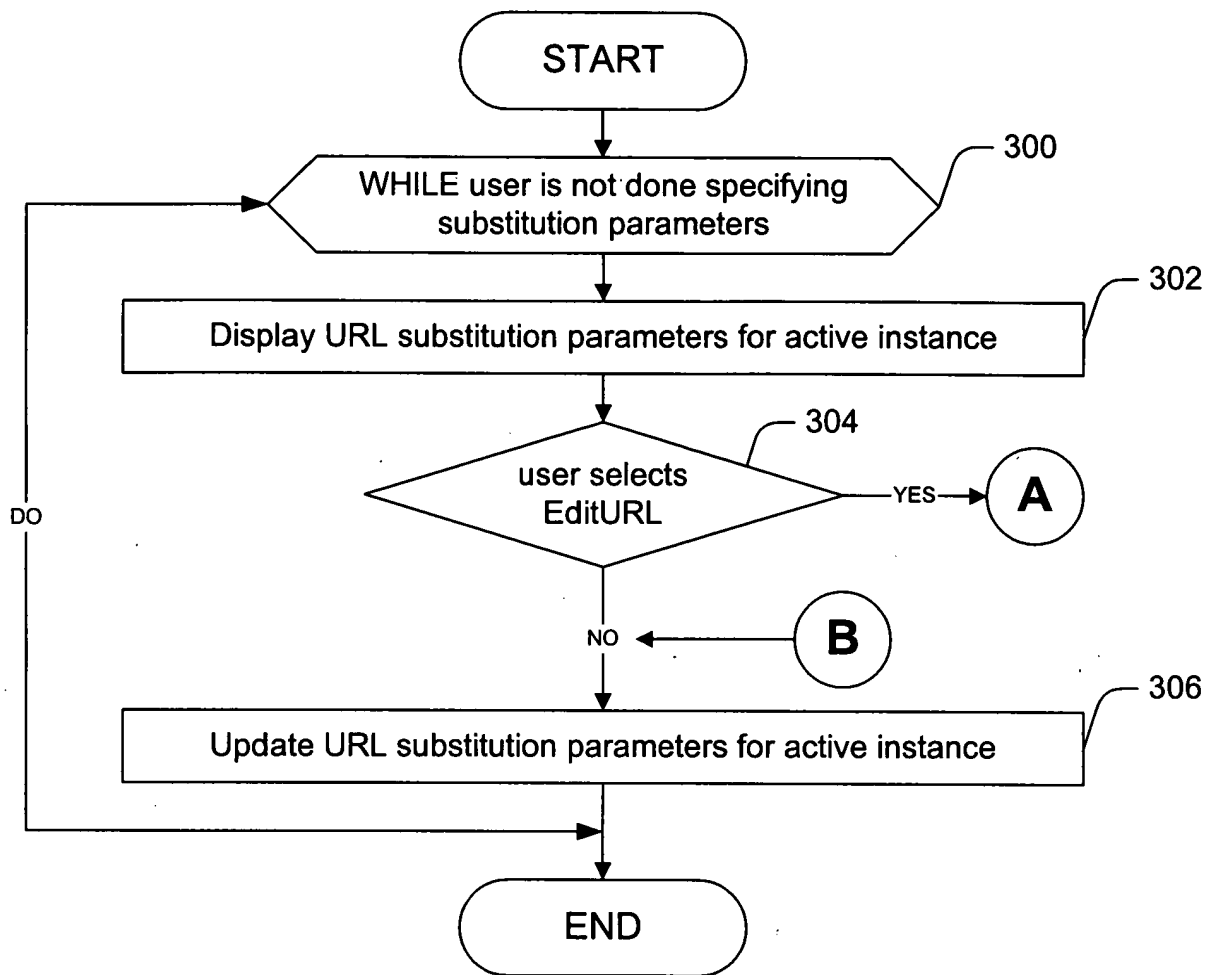
**FIG. 1 (CONT'D)**

FUNCTION  
SetupExecutionTimes



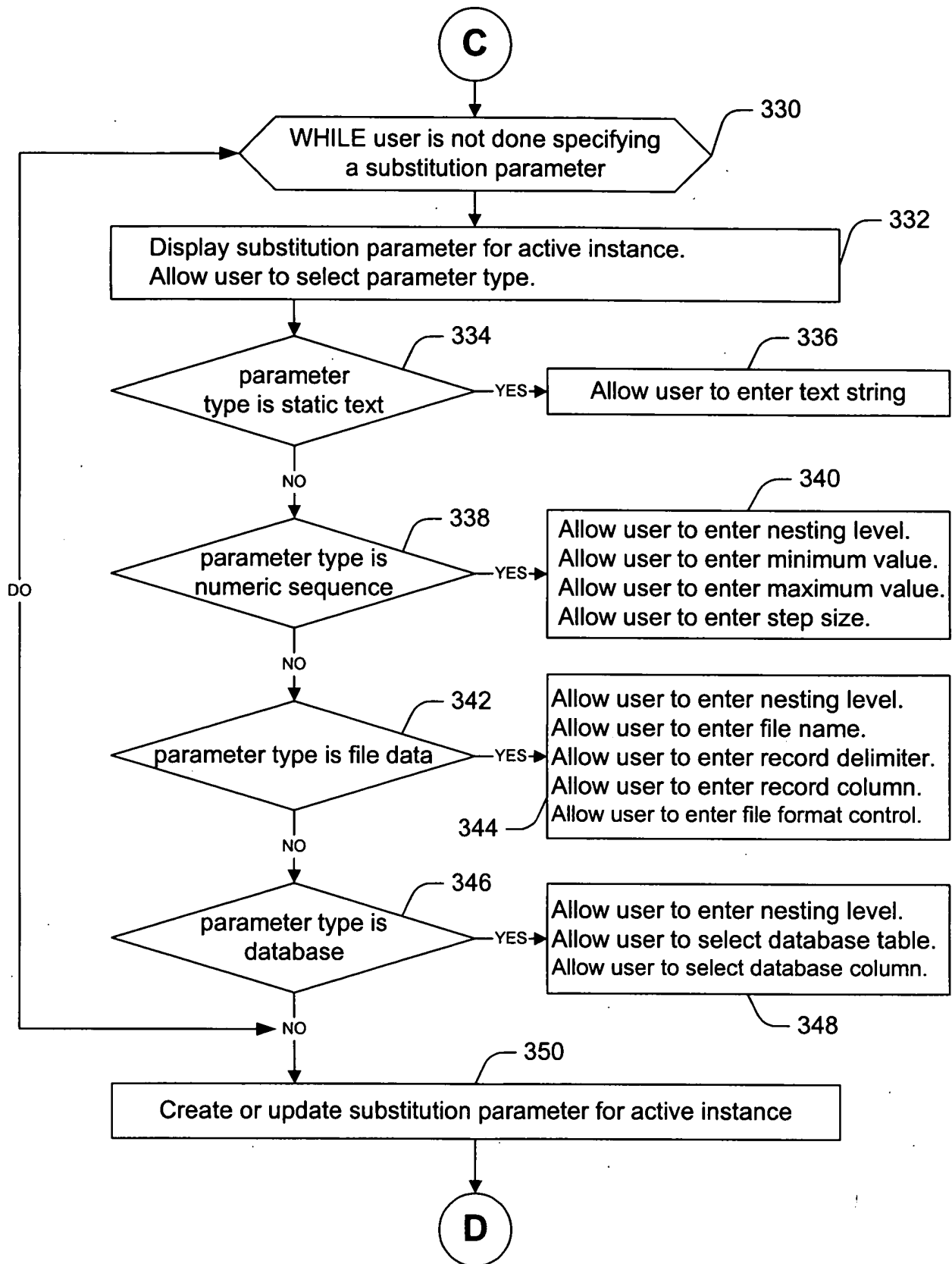
**FIG. 2**

FUNCTION  
SetupInputParameters



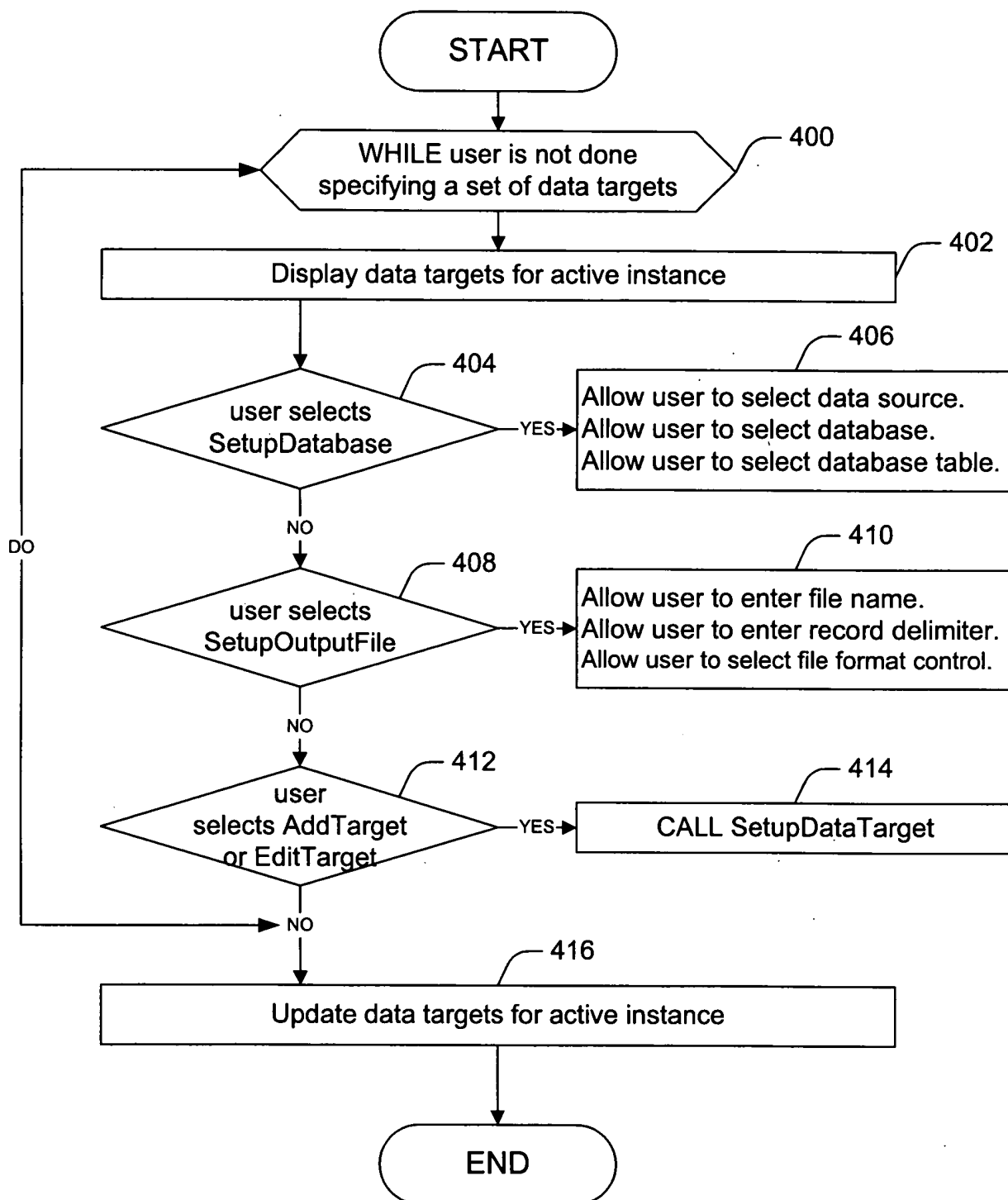
**FIG. 3**





**FIG. 3 (CONT'D)**

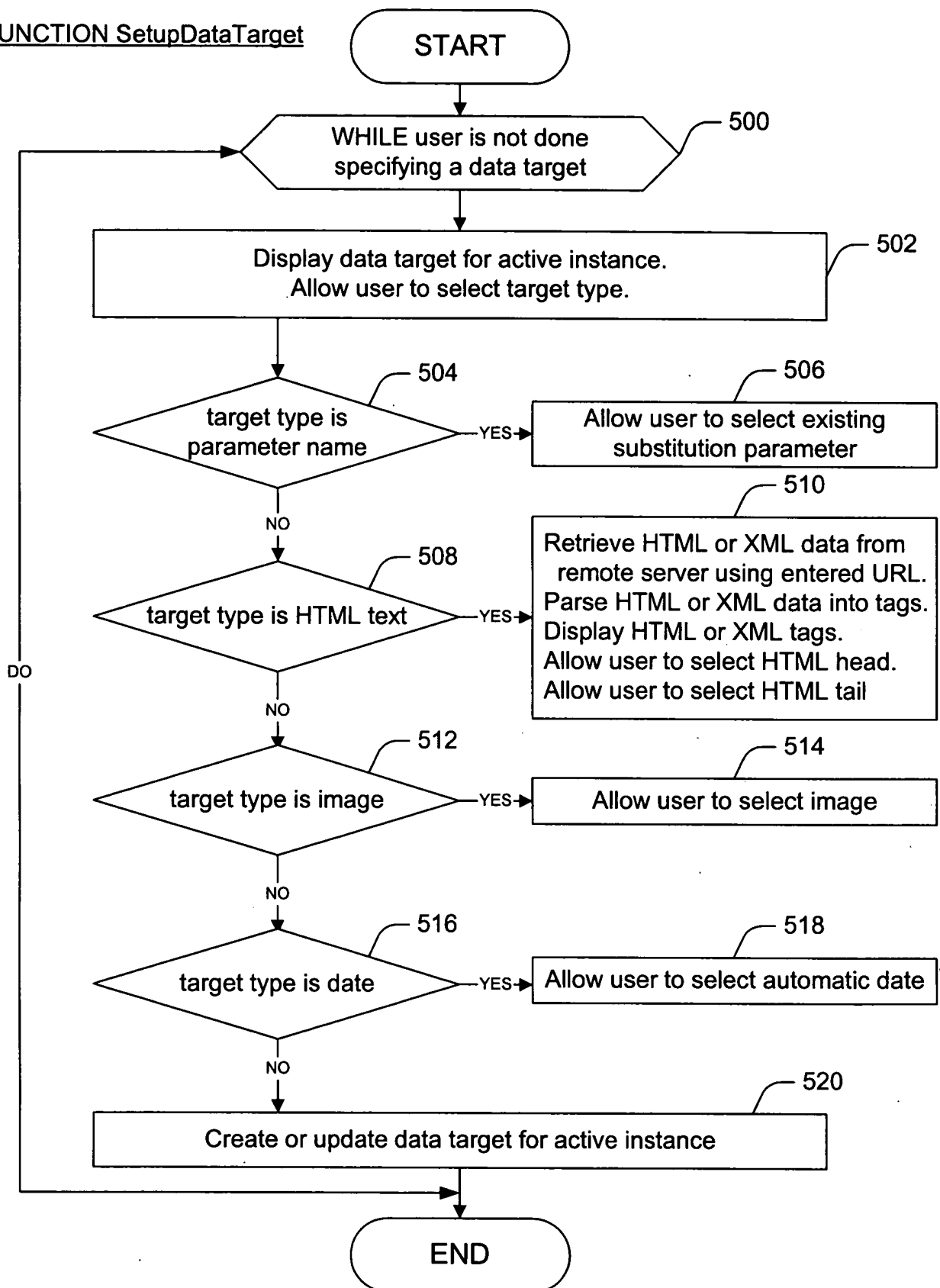
**FUNCTION**  
**SetupDataTargets**



**FIG. 4**

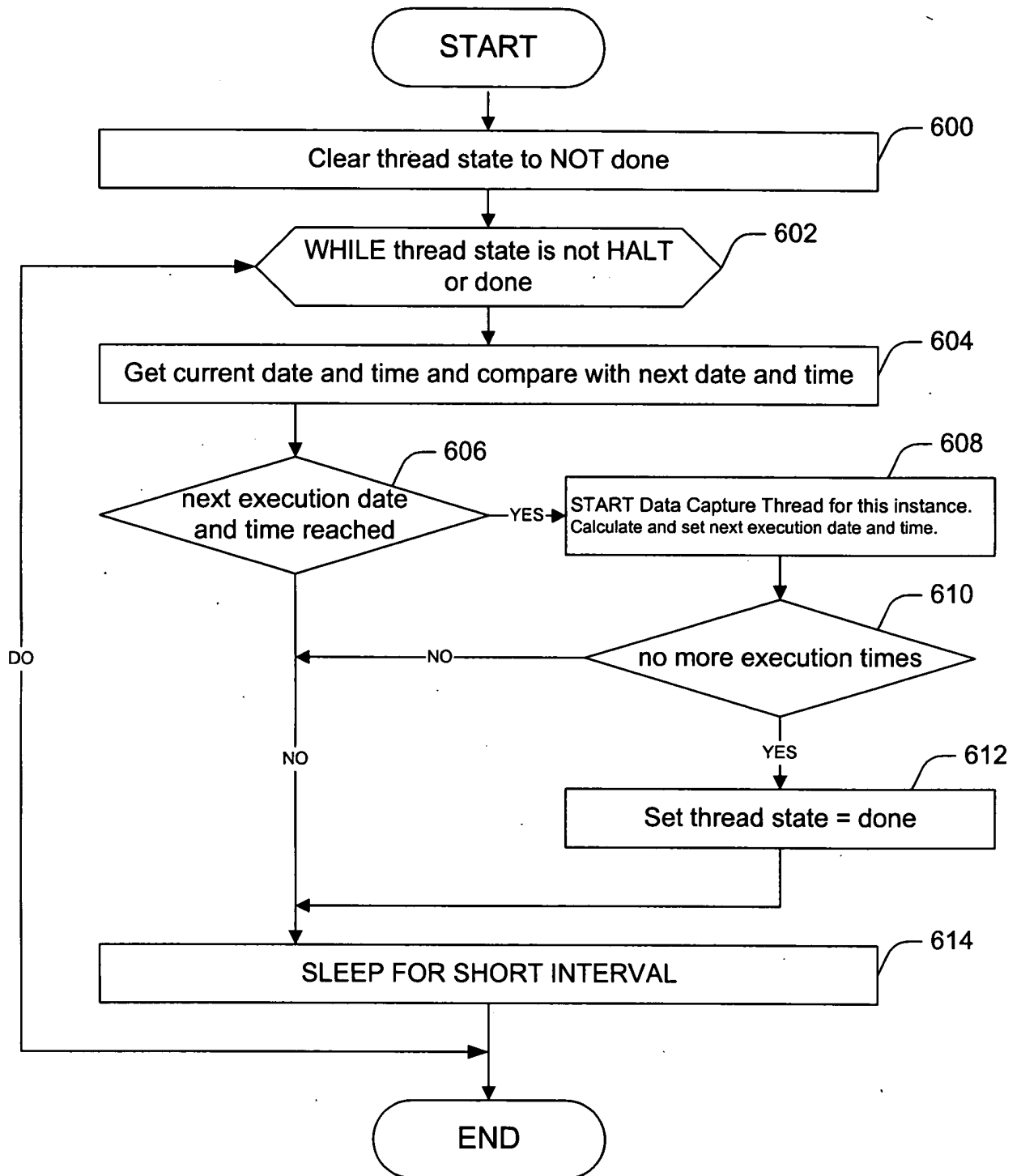


FUNCTION SetupDataTarget



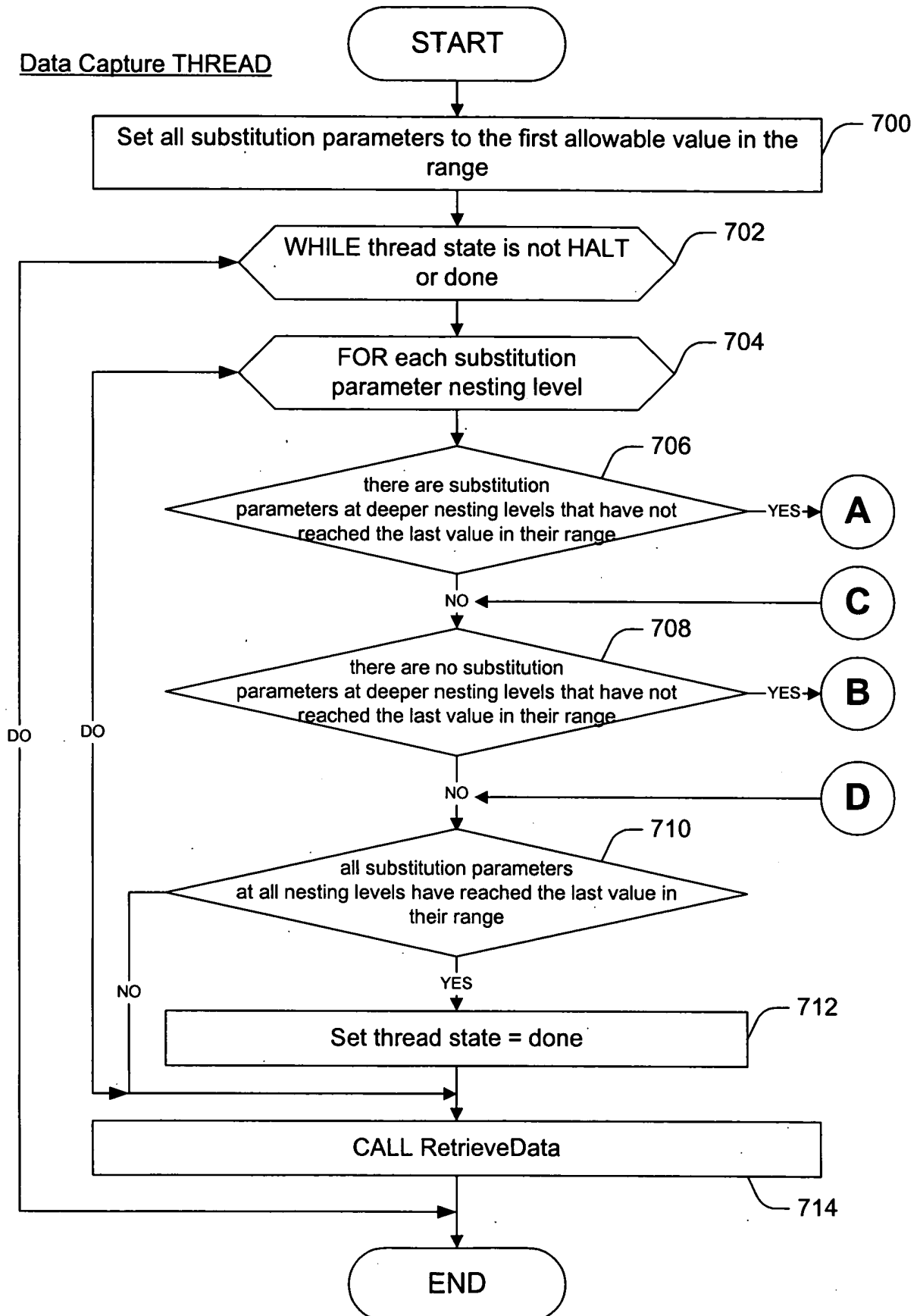
**FIG. 5**

Waiting-for-next-execution-time  
THREAD

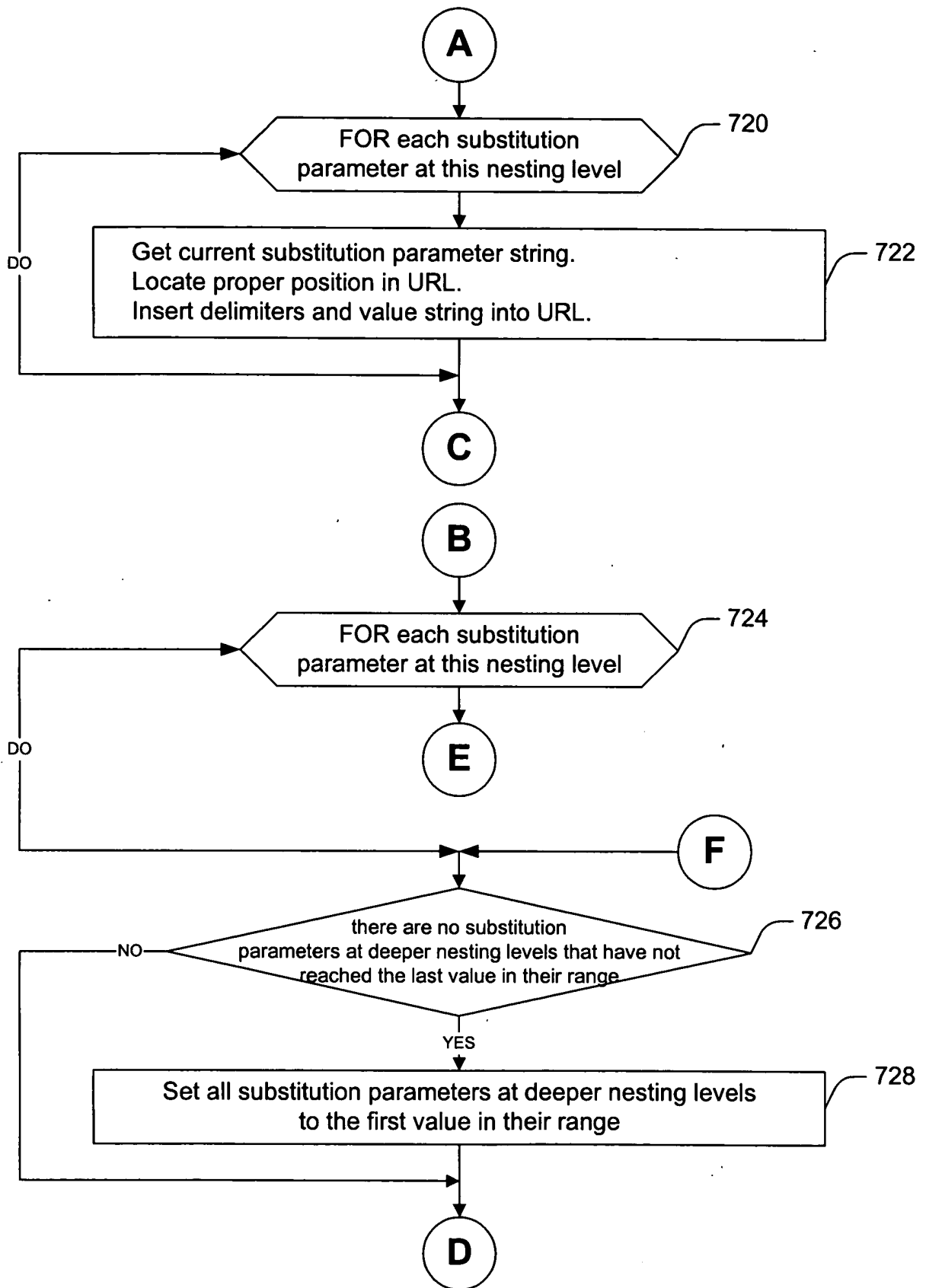


**FIG. 6**

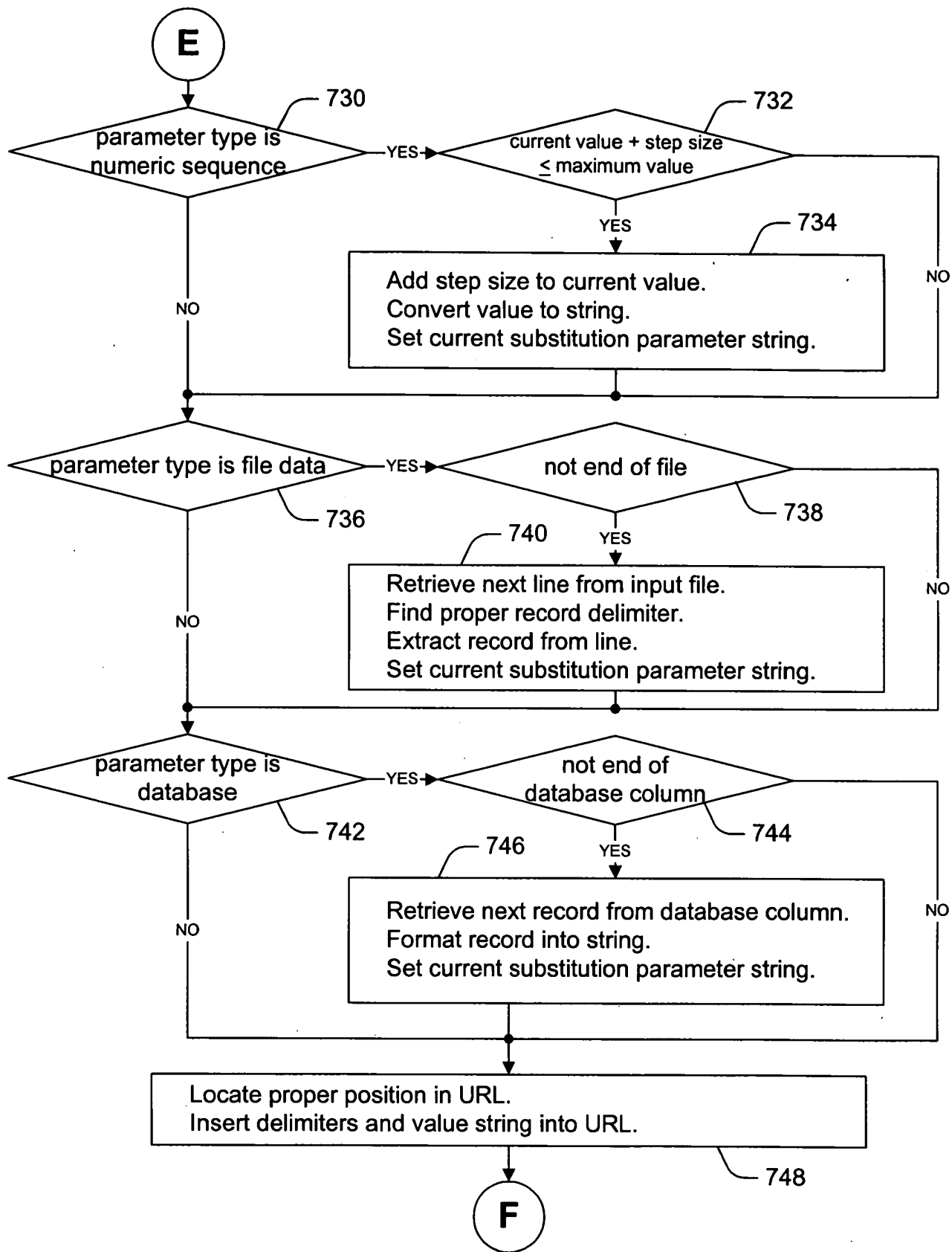
Data Capture THREAD



**FIG. 7**

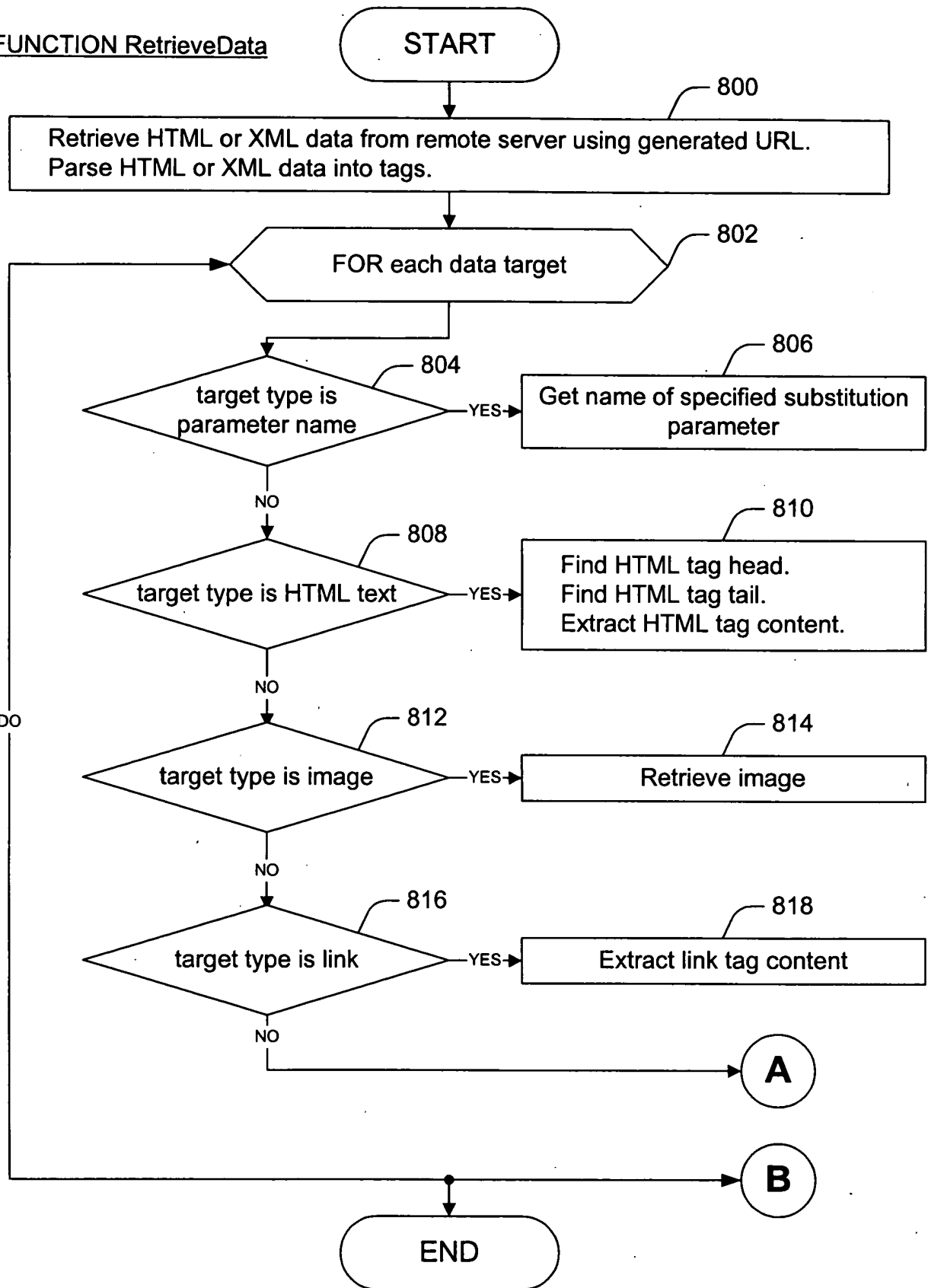


**FIG. 7 (CONT'D)**

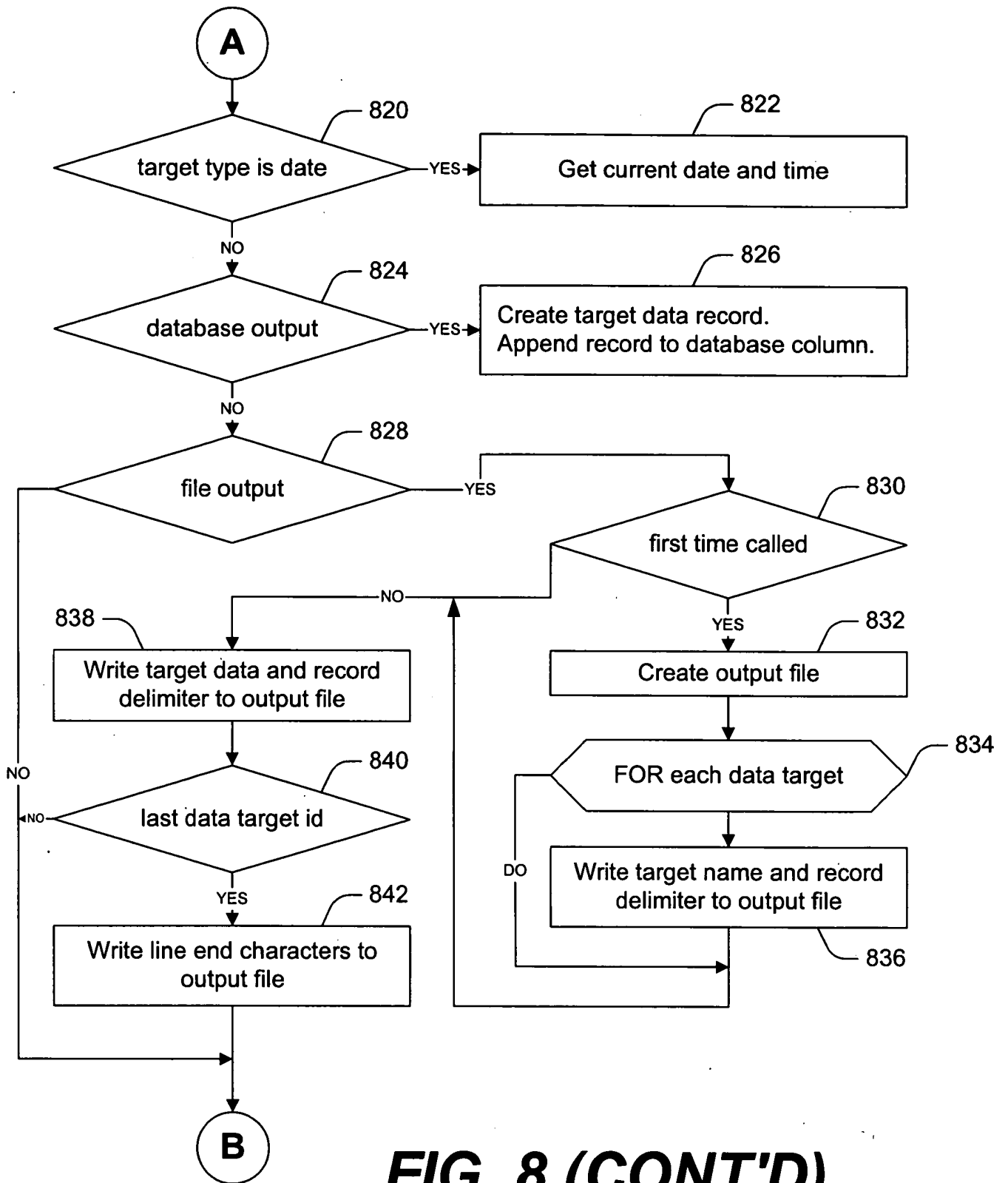


**FIG. 7 (CONT'D)**

FUNCTION RetrieveData



**FIG. 8**







**C:\InfoQuotes - Stocks:1 - Mitek Data Explorer**

**To View Go Back Home Info Quotes**

**Back Forward Stop Refresh Home Search Favorites Print Full Target Run**

**Address:** http://quotes.nasdaq-amex.com/Quote.d?mode=stock&symbol=MITK&symbol-t=symbol-t-symbol-t-symbol-t-symbol-t-symbol-t-multi-w=35&multi-y=8

---

**NASDAQ**

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**12/8/1999 15:38 ET Open | Nasdaq 3597.97 11.89▲ +0.33% | DJIA 11139.99 71.87▲ +0.65% | S&P 1401.88 2.00▼ -0.14%**

<b>Get Info Quotes</b>	<b>InfoQuotes for Nasdaq, AMEX &amp; NYSE Enter up to 10 Stocks, Mutual Funds, or Options symbols</b>				
<b>Symbol Look-Up</b>	1	2	3	4	5
<b>Custom Ticker</b>	11	12	13	14	15

Clear Symbols

---

**MITEK SYSTEMS INC.**

<b>Mitek Systems, Inc. MITK Nasdaq-SCM</b>	
Last Sale	\$ 5.125
Today's High	\$ 5.3125
Best Bid	\$ 4.9063
Volume	177,900
Stock Type	Common Stock
Net Change	+0.250
Today's Low	\$ 4.8125
Best Ask	\$ 5.125
Previous Close	\$ 4.875
Dec. 9, 1999 15:25 ET Market Open	

**Company News | Fundamentals | Charting | Analyst Info | Stock Report | Real-Time Filings | Web Site | Post After Hours Market**

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**Nasdaq Stocks:** Information delayed 15 minutes  
**Non-Nasdaq Stocks:** Information delayed 20 minutes  
 Bid and Ask quotation information for NYSE and AMEX securities is only available on a real time basis.  
 Data is provided by Bridge Information Systems.

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**NASDAQ**

**FIG. 10**

The screenshot shows the Nasdaq website interface from 1999. At the top, there's a navigation bar with links like Home, About Us, Feedback, Investor Resources, Index Shares, Help & Reference, Site Map & Site Tour, and Site Search. Below this, the main content area displays the stock information for Mitek Systems, Inc. (MITK). The current price is \$5.3125, with a net change of +0.125. Other data points include today's high of \$5.3125, today's low of \$4.8125, best bid of \$4.9375, best ask of \$5, volume of 187,200, and previous close of \$4.875. The stock type is listed as Common Stock. The page also features a 'Mitek Systems, Inc. MITK Nasdaq-SCM' header and a 'Nasdaq' logo. A copyright notice at the bottom reads: © Copyright 1999, The Nasdaq Stock Market, Inc. All Rights Reserved. Please read our Disclaimer, Trademarks, and Privacy Statement.

**FIG. 11**

The screenshot shows the Nasdaq website interface. At the top, there's a navigation bar with links like 'Home', 'About Us', 'Feedback', 'Investor Resources', 'Index Shares', 'Help & Reference', 'Site Map & Site Tour', and 'Site Search'. Below this, there's a section for 'Nasdaq Stocks' and 'Non-Nasdaq Stocks'. The main content area displays the stock information for Mitek Systems, Inc. (MITK). The stock price is \$5.125, with a net change of 0.25. Other trading data includes today's high of \$5.3125, best bid of \$4.9063, volume of 177,900, and previous close of \$4.875. The stock type is listed as 'Common Stock'. The footer contains copyright information for 1999, The Nasdaq Stock Market, Inc., and links to the disclaimer, trademarks, and privacy statement.

Company	Fundamentals	Charting	Analyst Info	Stock Report	Real-Time Filings	Web Site	Pre/After Hours Market
<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>	<a href="#">Mitek Systems, Inc.</a>

**Mitek Systems, Inc. MITK Nasdaq-SCM**

Last Sale:	<b>\$ 5.125</b>	Net Change:	<b>0.25▲</b>
Today's High:	<b>\$ 5.3125</b>	Today's Low:	<b>\$ 4.8125</b>
Best Bid:	<b>\$ 4.9063</b>	Best Ask:	<b>\$ 5.125</b>
Volume:	<b>177,900</b>	Previous Close:	<b>\$ 4.875</b>
Stock Type:	<b>Common Stock</b>	Dec. 9, 1999 15:25 ET Market Open	

**Nasdaq Stocks:** Information delayed 15 minutes.  
**Non-Nasdaq Stocks:** Information delayed 20 minutes.  
 Bid and Ask quotation information for NYSE and AMEX securities is only available on a real time basis.  
 Data is provided by Bridge Information Systems.

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**FIG. 12**

The screenshot shows the MITEK Nasdaq Stock Market website. The main content area displays the following information for MITEK Systems, Inc. (MITK):

Last Sale:	\$ 5.125	Net Change:	0.25▲
Today's High:	\$ 5.3125	Today's Low:	\$ 4.8125
Best Bid:	\$ 4.9063	Best Ask:	\$ 5.125
Volume:	177,900	Previous Close:	\$ 4.875
Stock Type:	Common Stock	Dec. 9, 1999 15:25 ET Market Open	

The page also includes a navigation menu at the top with links like Home, About Us, Feedback, Help & Reference, and Site. A footer contains the copyright notice: © Copyright 1999, The Nasdaq Stock Market, Inc. All Rights Reserved. Please read our Disclaimer, Trademarks, and Privacy Statement.

A dynamic HTML preview window is visible in the bottom right corner, showing the code for the last sale price: `<TD><FONT>Last Sale:<TD><FONT><NOBR>5.125</NOBR><TD><FONT>Net Change:<TD><FONT>`.

**FIG. 13**

**1400**

**C InfoQuotes - Stocks:1 - Mitek Data Explorer**

Back Forward Stop Refresh Home Search Favorites Print Exit Target Alt

Address: <http://quotes.nasdaq-amex.com/Quote.d?mode=stock&symbol=MITK&symbol=&symbol=&symbol=&symbol=&symbol=&multi=y=35&multi=y=0>

**NASDAQ**

InfoQuotes | News | Market | Portfolio | Equity and | Custom | IPOs | Earnings | Nasdaq-100 | About | Site  
Activity | Tracking | Index Options | Ticker

12/8/1999 15:38 ET Open | Nasdaq 3597.97 11.89▲ +0.33% | DJIA 11139.99 11.87▲ +0.65% | S&P 1401.88 2.00▼ -0.14%

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Symbol	1	2	3	4	5
11	12	13	14	15	

Clear Symbols

**MITEK** Mitek Systems, Inc. MITK Nasdaq-SCM

Last Sale:	<b>5.125</b>	Net Change:	<b>0.25▲</b>
Today's High:	<b>\$ 5.3125</b>	Today's Low:	<b>\$ 4.8125</b>
Best Bid:	<b>\$ 4.9063</b>	Best Ask:	<b>\$ 5.125</b>
Volume:	<b>177,900</b>	Previous Close:	<b>\$ 4.875</b>

c. 9, 1999 15:25 ET Market Open

**Dynamic HTML**

```
<TD>
<FONT>Last Sale:
<TD>
<FONT>
<NOBR>
<TD>
<FONT>Net Change:
<TD>
<FONT>
```

Real-Time Fillings Web Size Pre/After Hours Market

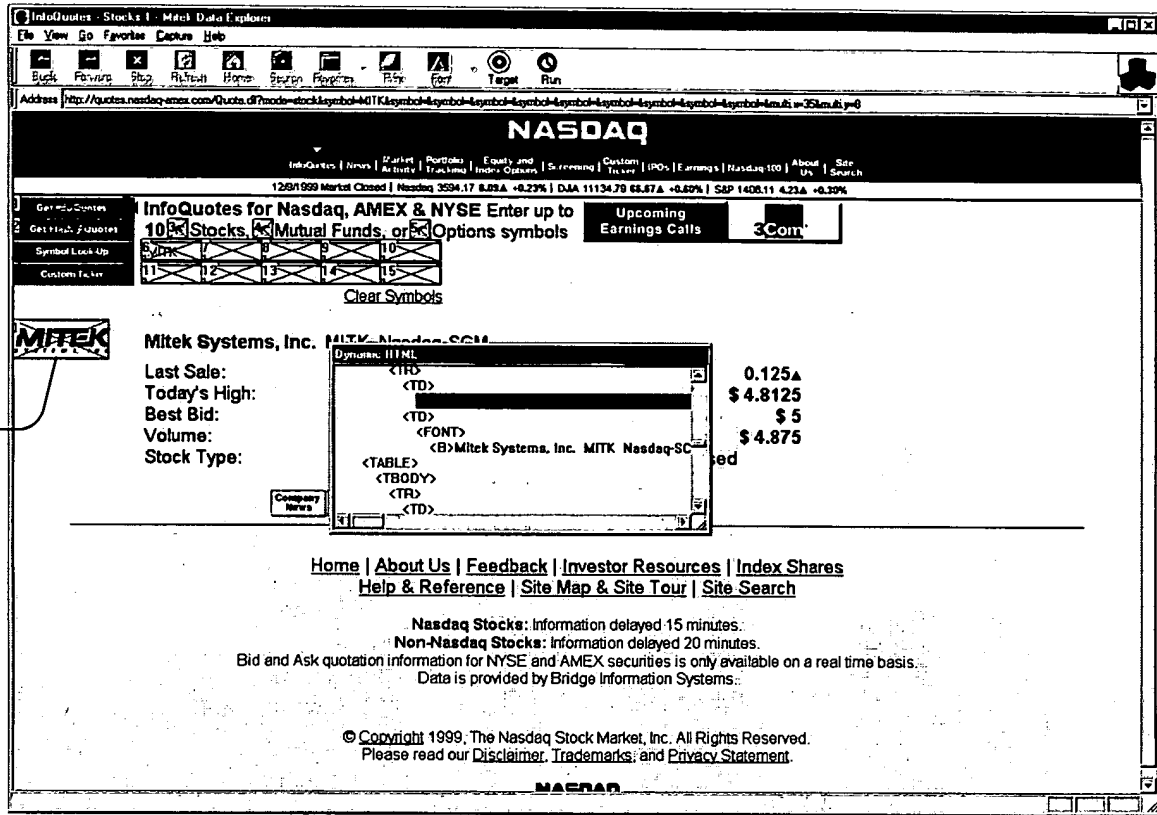
**Investor Resources | Index Shares**  
**Map & Site Tour | Site Search**

Information delayed 15 minutes.  
Non-Nasdaq Stocks: Information delayed 20 minutes.  
Bid and Ask quotation information for NYSE and AMEX securities is only available on a real time basis.  
Data is provided by Bridge Information Systems.

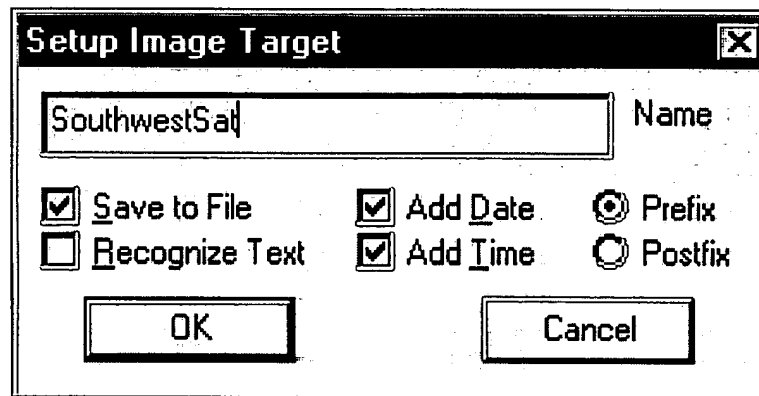
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**NASDAQ**

**FIG. 14**



**FIG. 15A**

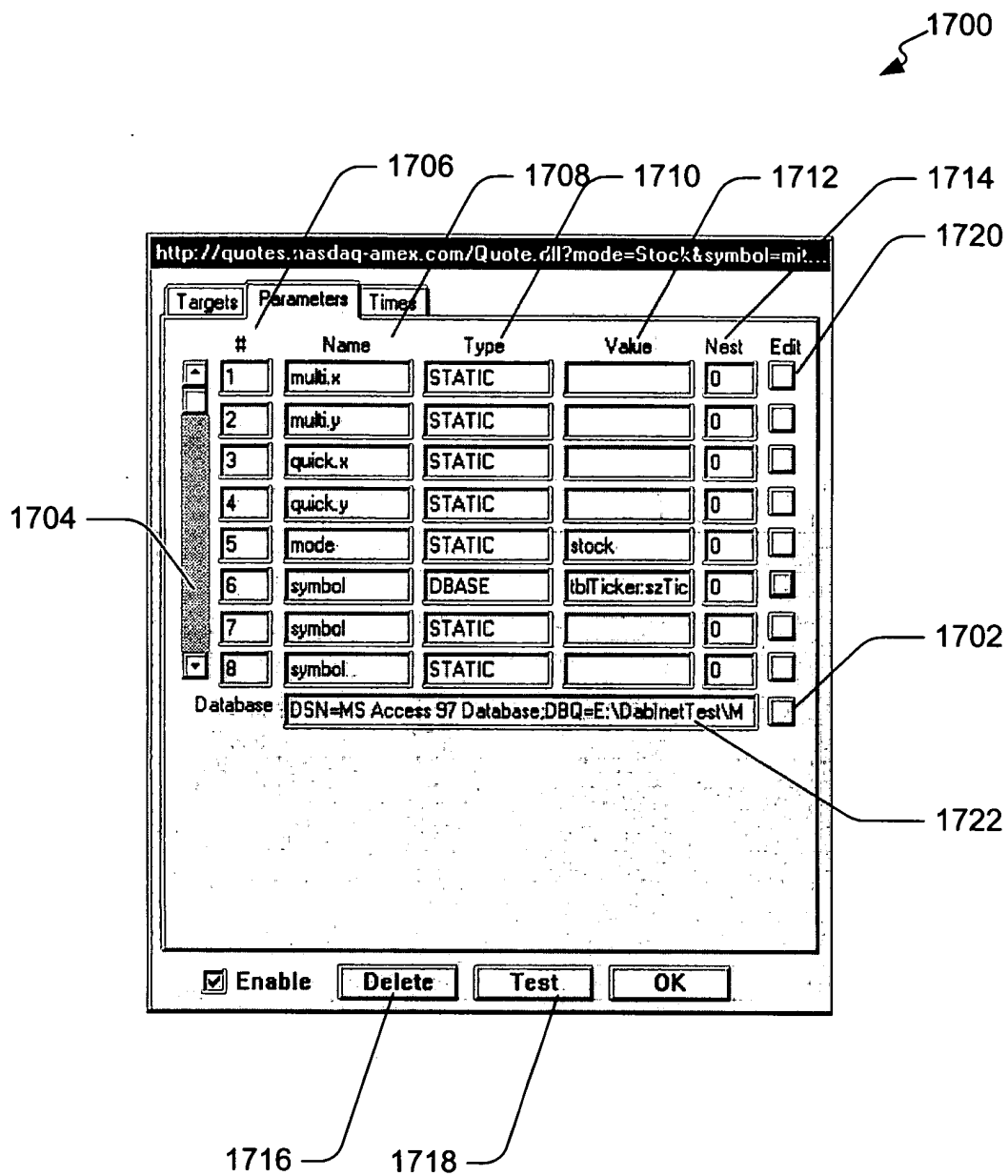


**FIG. 15B**











**FIG. 18**

2

Id

szTicker

Name

Type

☐ Date
☒ Parm
☐ Text
☐ Image
☐ Ref

Parameter Target

Parm3  
Parm4 stock  
Parm5 symbol TblTicker Csz  
Parm6  
Parm7

Text Target

☐ DOM Matching
☒ Tag Matching

☐ String Search

1

Occurance

Parameter5

Head

Tail

Image Target

☐ Save to File
☐ Add Date
☒ Prefix

☐ Recognize Text
☐ Add Time
☐ Postfix

Delete

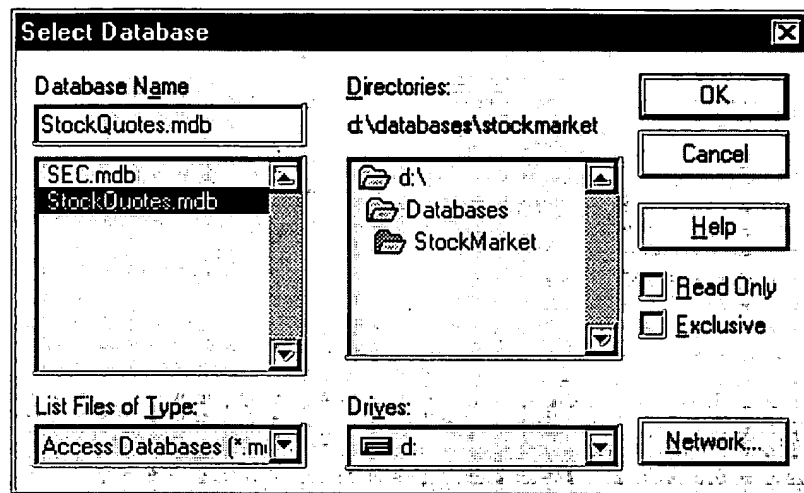
Cancel

OK

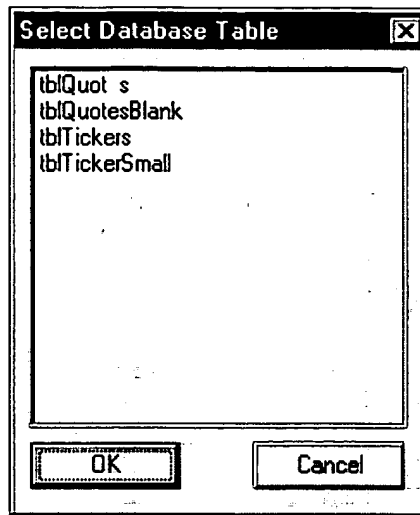
1906

**FIG. 19**

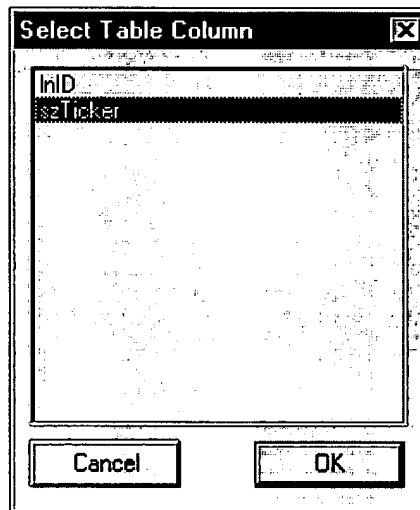


[illegible]

**FIG. 21**



**FIG. 22**



**FIG. 24**

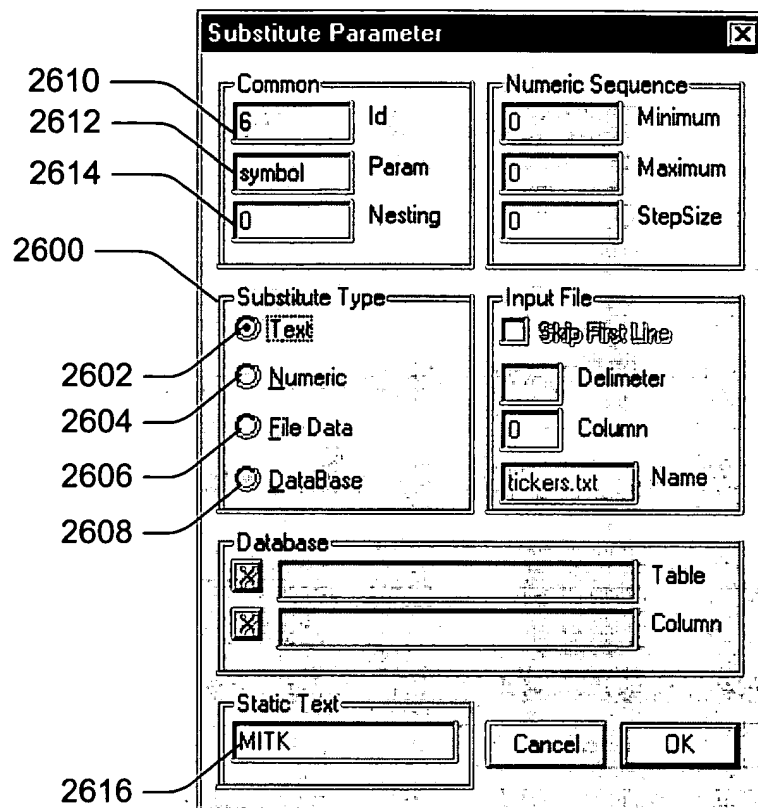
[illegible]

**FIG. 23**

[illegible]

**FIG. 25**





**FIG. 26**

Substitute Parameter

Common

Id: 6

symbol

Param

0 Nesting

Numeric Sequence

Minimum: 4

Maximum: 20

StepSize: 1

Substitute Type

☐ Text

☒ Numeric

☐ File Data

☐ DataBase

Input File

☐ Skip First Line

Delimiter

Column: 0

Name: tickers.txt

Database

☒ Table

☒ Column

Static Text

MITK

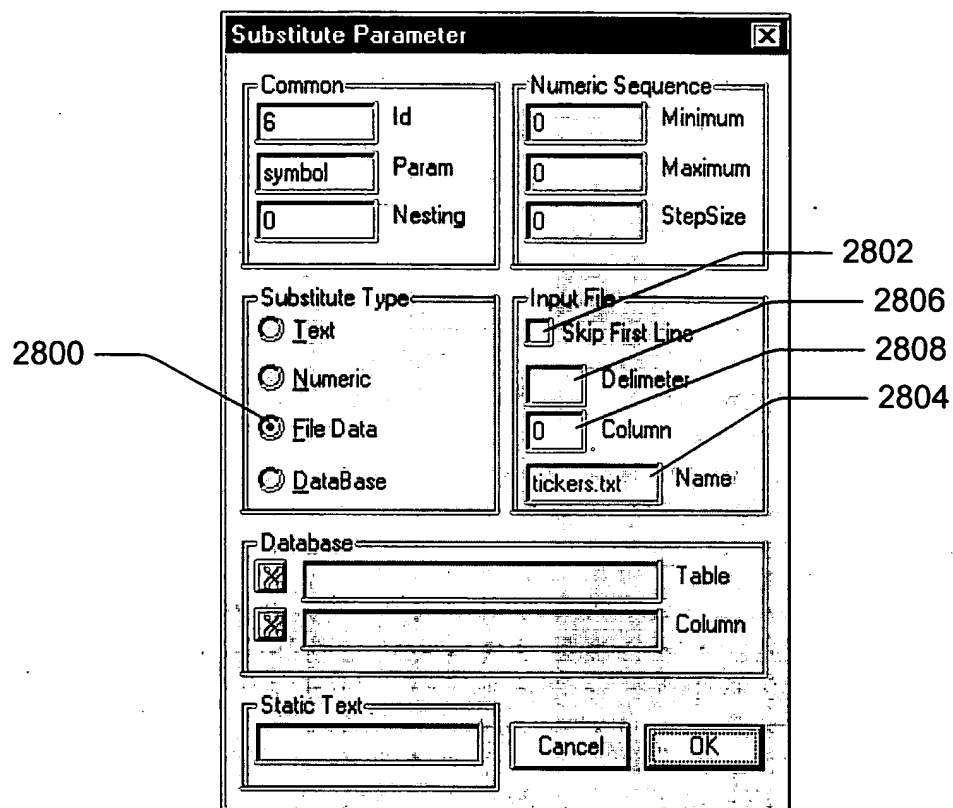
Cancel OK

2702

2704

2706

**FIG. 27**



**FIG. 28**

**Substitute Parameter** [X]

**Common**

Id  
 Param  
 Nesting

**Numeric Sequence**

Minimum  
 Maximum  
 StepSize

**Substitute Type**

☐ Text  
☐ Numeric  
☐ File Data  
☒ DataBase

**Input File**

☐ Skip First Line  
 Delimeter  
 Column  
 Name

**Database**

☒  Table  
☒  Column

**Static Text**

Cancel OK

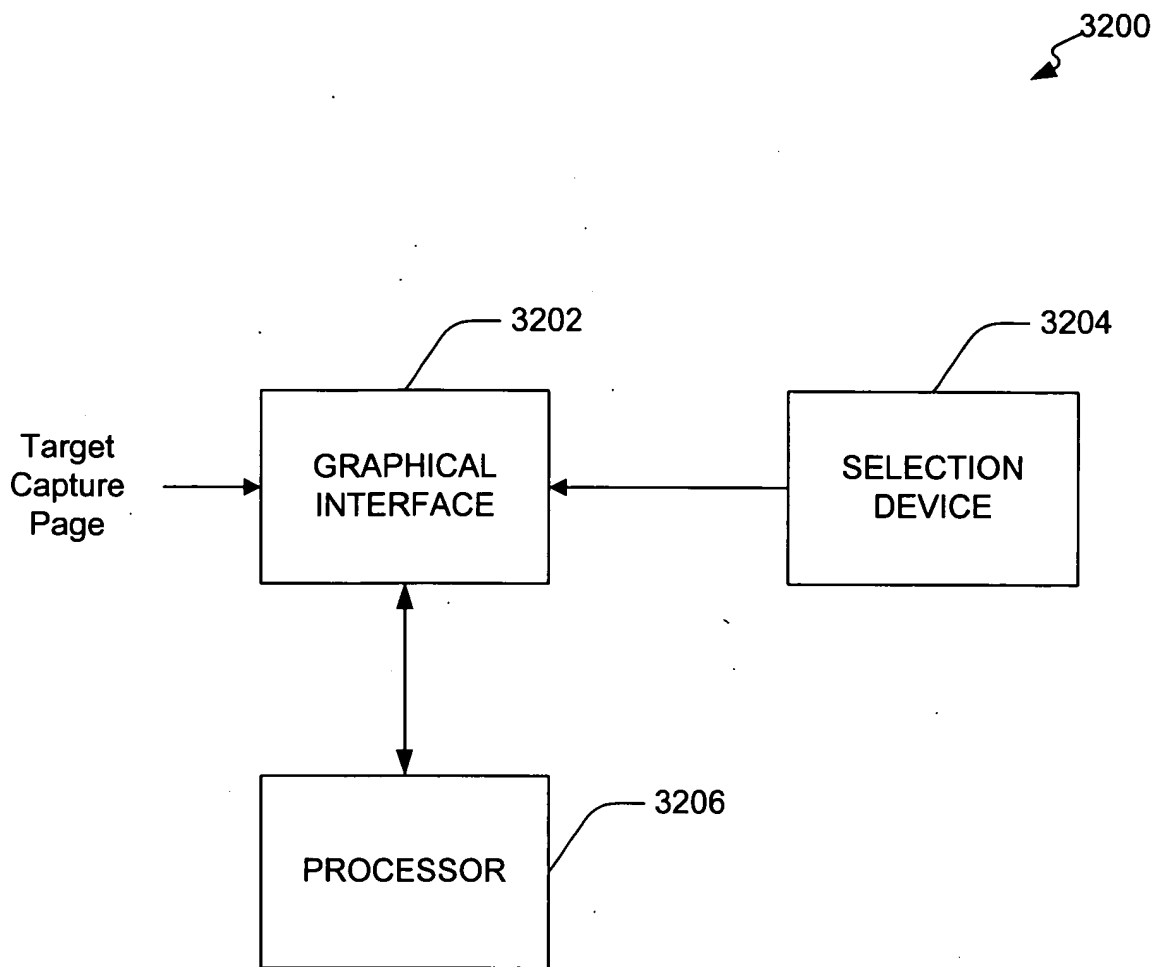
2900

2902

2904

**FIG. 29**





**FIG. 32**